Feasibility Studies with the Aim of Developing a Bilateral Offset Credit Mechanism FY2011

Studies for Project Development and Organization

Feasibility Study for CO2 Capture and Storage (CCS) in Indonesia

New Energy and Industrial Technology Development Organization (NEDO)
Arabian Oil Company, Ltd.
Marubeni Corporation
Mitsubishi Research Institute, Inc.
This project is the first CCS project for CO2 emitted by the natural gas production in the southeast Asia and combines the Japanese technology for GHG reduction.

**Study details**

1. CO2 Capture and Storage / Enhanced Oil Recovery Study (G&G and Reservoir Study)
2. Conceptual Design for Surface Facilities
3. Pilot Test Design
4. Feasibility of the Project
5. Other CO2 Source Survey
6. Investigation on MRV/Assessment methodology for GHG emission

**Concept**

- CO2 Capture and Storage
- Enhanced Oil Recovery
- Natural Gas Producer
- CO2 Injector
- Oil Producer
- CO2 Pipeline
- Transportation
- Gas
- Oil

**CO2 Reduction quantity / EOR Production**

GHG reduction: 6.04MMton CO2/20years